UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,218	02/27/2002	Sunit B. Mangalvedhekar	014208.1483 (05-01-010)	6967

5073	7590	07/16/2004

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EXAMINER
NGUYEN, HAI V

ART UNIT	PAPER NUMBER
2142	

DATE MAILED: 07/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application N[●]	Applicant(s)
Office Action Summary	10/085,218	MANGALVEDHEKAR, SUNIT B.
	Examiner	**Art Unit**	
	Hai V. Nguyen	2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>03</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>*27 February 2002*</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
    closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-46* is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-46* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a)☐ All   b)☐ Some * c)☐ None of:

　　　　1.☐ Certified copies of the priority documents have been received.

　　　　2.☐ Certified copies of the priority documents have been received in Application No. _____.

　　　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage

　　　　　　application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
　　Paper No(s)/Mail Date <u>2</u>.

4) ☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1.   This Office Action is in response to the communication filed on 27

February 2001.

2.   Claims 1-46 are presented for examination.

Claim Rejections - 35 USC § 112

3.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly
> claiming the subject matter which the applicant regards as his invention.

4.   Claim 36 is rejected under 35 U.S.C. 112, second paragraph, as being

indefinite for failing to particularly point out and distinctly claim the subject matter

which applicant regards as the invention.

5.   The term "package" in claim 36 is a relative term which renders the claim

indefinite. The term "package" is not defined by the claim, the specification does

not provide a standard for ascertaining the requisite degree, and one of ordinary

skill in the art would not be reasonably apprised of the scope of the invention.

Claim Rejections - 35 USC § 103

6.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described
> as set forth in section 102 of this title, if the differences between the subject matter sought to
> be patented and the prior art are such that the subject matter as a whole would have been
> obvious at the time the invention was made to a person having ordinary skill in the art to which
> said subject matter pertains. Patentability shall not be negatived by the manner in which the
> invention was made.

7.   Claims 1-46 are rejected under 35 U.S.C. 103(a) as being unpatentable

over **Kisor** et al. US patent no. **5,978,847** in view of **Berger** US patent no.

5,987,841.

8.   As to claim 1,Kisor, Attribute Pre-Fetch Of Web Pages, discloses a

method of accessing, by a client, one or more files residing in a server

comprising:

requesting, by the client, downloading of a selected file residing in the server, the

selected file associated with at least one associated file *(Kisor, Abstract, Figs. 10,*

11; col. 6, line 39 – col. 7, line 38);

in response to requesting downloading of the selected file, initiating downloading

of the selected file and automatically determining the identity of, and initiating

downloading of, the at least one associated file *(Kisor, Abstract, Figs. 10, 11; col.*

6, line 39 – col. 7, line 38); However, Kisor does not explicitly discloses initiating

storing, in a memory associated with the client, of the selected file and the at

least one associated file under respective local identifiers. Thus, the artisan

would have been motivated to look into the related networking arts for potential

methods and apparatus for implementing initiating storing, in a memory

associated with the client, of the selected file and the at least one associated file

under respective local identifiers.

In the same field of endeavor, Berger, Look Ahead Caching Process For

Improved Information Retrieval Response Time By Caching Bodies Of

Information Reports They Are Requested The User, discloses that *in FIG. 11E is*

a flow chart of an exemplary process for checking whether the contents of the

cache includes requested information in accordance with the invention. When a user request is received, the cache contents are checked by passing the information ID to the cache contents check process (1165). The information ID received with the check request is compared with information ID stored in the cache (1168). If the ID is not found, that fact will be returned (1170) and the information ID of the information desired will be utilized to retrieve the information over the network. If the information ID is found within the cache a check will be made of the status of the information (1172). If the retrieval had succeeded, a date check may be made (1174) to ensure that it is not too stale, but otherwise, the stored information will be returned and made available to the user interface for display to the user (1176). If the status of the stored information has failed (1172-Failed), a check of the date and time of the failure will be made (1174) to see if it was long enough ago that another retrieval attempt should be made. Otherwise, the error message information stored is returned for display to the user (1176). Whenever the optional date check (1174) fails, the stored information is marked for removal (1190) and not found will be returned (Berger, col. 9, line 43 – col. 10, line 7).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Berger's teachings of look-ahead caching the information *(Berger, Abstract, col. 2, line 45 – col. 3, line 23; col. 26, lines 1-10)* with the teachings of Kisor, for the *purpose of maximizing the bandwidth of a connection to the Internet (or other network), which is especially important over a slow link such as a modem (Kisor, col. 6, lines 23-38)*

and the user will have a better classification of the contents of Web pages (Kisor,

col. 5, line 55 – col. 6, line 8). Berger also suggest that improving the probability

that a future user request will match preloaded information (Berger, col. 4, lines

45-56).

9.   As to claim 2, Kisor-Berger discloses maintaining, by a document

manager residing in the server, respective profiles of the one or more files *(Kisor,*

Figs. 10, 11; col. 6, lines 8-67).

10.   As to claim 3, Kisor-Berger discloses, wherein the selected file is associated

with at least one profile, the at least one profile identifying the at least oneassociated file

(Kisor, one attribute identifying another page; col. 5, line 1 - col. 6, line 67).

11.   As to claim 4, Kisor-Berger discloses, wherein the profile identifies the at least one

associated file by the Uniform Resource Locator *(Kisor, Fig. 6, col. 4, lines 45-*

67).

12.   As to claim 5, Kisor-Berger discloses, wherein automatically determining

the identity of, and initiating downloading of, the at least one associated file

comprises examining a profile of the selected file, the profile identifying the at

least one associated file *(Kisor, Abstract, Figs. 10, 11; col. 5, line 55 – col. 7, line*

38).

13.   As to claim 6, Kisor-Berger discloses, and further comprising maintaining

a respective status file for each of the selected file and the at least one

associated file, each status file indicating one or more properties of the

respective selected file and the at least one associated file *(Kisor, Figs. 10, 11;*

col. 5, line 55 – col. 7, line 38).

14.   As to claim 7, Kisor-Berger discloses, wherein the status file is a cookie

file *(Kisor, col. 5, line 55 – col. 7, line 38; Berger, col. 13, lines 9-42)*.

15.   As to claim 8, Kisor-Berger discloses, wherein the status file consists solely

of a timestamp indicative of a time of download *(Kisor, col. 3, line 50 – col. 4, line*

9; Berger, col. 9, line 66 – col. 10, line 7).

16.   As to claim 9, Kisor-Berger discloses, wherein the status file comprises a

timestamp indicative of a time of download, a check out status, and respective identities

of the at least one associated file *(Kisor, col. 3, line 50 – col. 4, line 9; Berger,*

col. 9, line 66 – col. 10, line 7).

17.   As to claim 10, Kisor-Berger discloses, wherein the memory associated

with the client is a root of a cache, the root identified by a root directory identifier

(Kisor, col. 3, line 50 – col. 4, line 9; Berger, col.10, line 8– col. 11, line 55; col.

11, line 56 – col. 13, line 28).

18.   As to claim 11, Kisor-Berger discloses, wherein each of the respective

local identifiers comprises the root directory identifier *(Berger, col.10, line 8– col.*

11, line 55; col. 11, line 56 – col. 13, line 28).

19.   As to claim 12, Kisor-Berger discloses, and further comprising:

generating, by the client, the one or more files for uploading to the server *(Kisor,*

col. 4, line 28 – col. 5, line 54);

generating, by the client, a profile associated with each of the one or more files

(Kisor, col. 4, line 28 – col. 5, line 54; col. 6, line 23 – col. 7, line 38); and

uploading, by the client, the profile and the each of the one or more files to the

server *(Kisor, col. 4, line 28 – col. 5, line 54; col. 6, line 23 – col. 7, line 38)*.

20.   Claim 13 is similar limitations of claim 1, 4; therefore, it is rejected under the same rationale as in claims 1, 4.

21.   Claims 14-23 are similar limitations of claims 2-3, 5-12; therefore, they are rejected under the same rationale as in claims 2-3, 5-12.

22.   Claim 24 is corresponding apparatus claim of claim 1; it is rejected under the same rationale as in claims 1.

23.   Claims 25-35 similar limitations of claims 2-12; therefore, they are rejected under the same rationale as in claims 2-12.

24.   As to claim 36, Kisor-Berger discloses wherein the software comprises a drawing package.

25.   Claim 37 is corresponding system claim of claim 1; it is rejected under the same rationale as in claims 1.

26.   Claims 38-46 similar limitations of claims 4-12; therefore, they are rejected under the same rationale as in claims 2-12.
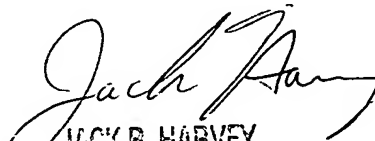
27.   Further references of interest are cited on Form PTO-892, which is an attachment to this action.

28.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hai V. Nguyen whose telephone number is 703-306-0276. The examiner can normally be reached on 6:00-3:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached on 703-305-9705. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JACK B. HARVEY
SUPERVISORY PATENT EXAMINER

Hai V. Nguyen
Examiner
Art Unit 2142